NITFS
Compliance Registration

Product: Electronic Light Table (ELT)/5500 PRO, version 2.0 build 210, with National Technical Means Module U2.4 and the Government Mensuration Software Application RULER version 12.0.

Sponsor: Paragon Imaging

Developer: Paragon Imaging

Date: 25 June 2004
Expiration: 24 June 2006
Registration #: 2025

☐ Initial Registration
☑ Supplemental/Update #
☐ Derived from Reg. #

☐ **System** N-0105/98, §4.1.1

☑ **Product** N-0105/98, §4.1.2

☐ **Component** N-0105/98, §4.1.3

Complexity Level

NITF 2.1 CLEVEL	3	5	6	7
Interpret	■	■	■	■
Generate	■	■	■	■

NITF 2.0 CLEVEL	1	2	3	4	5	6	Oth
Interpret	■	■	■	■	■	■	
Generate	■	■	■	■	■	■	

Configurations Tested:

-Windows 2000, SP2
- Windows XP

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format
- NITF
  - ● ● v2.1
  - ● ● v2.0
  - ● v1.1
- NSIF
  - ● ● v1.0

Pixel Value Types
- ● ○ Boolean
- ● ● Integer
- ● ● Signed Integer *
- ○ ○ IEEE Real *
- ○ ○ IEEE Complex *

Annotation Segment Types
- ● ○ Bit Mapped **
- ● ● CGM, 2301
- ● ● CGM, 2301A
- ● ○ Labels **

Text Segments
- ● ● STA
- ● ● UT1
- ● ● U8S
- ● ● MTF

Image Segment Types
- ● ● MONO
- ● ● RGB
- ● ○ RGB/LUT
- ● ● YCbCr
- ● ● MULTI
- ○ ○ NODISPLY
- ○ ○ POLAR

Image Compression
- ● ● Not Compressed
- ● ● JPEG Lossy, 8-bit
- ● ● JPEG Lossy, 12-bit
- ● ● JPEG Downsample
- ● ○ JPEG Lossless
- ● ● JPEG 2000
- ● ○ Bi-Level
- ● ○ Vector Quantization
- ● ○ Multispectral JPEG, Individual Band

Data Extension Segments
- ● ● TRE_OVERFLOW
- ○ ○ STREAMING_FILE_HEADER
- ● ● Controlled Extensions **
- ● ● Registered Extensions **

Tagged Record Extensions
- ● ● - NSDE
- ● ● - PIAE
- ● ● - ASDE
- ● ● - CSDE
- ● ● - ICHIPB
- ● ● - IOMAPA
- ● ● - RPF Extensions
- - Digest GeoSDE

Legend
Interpret / Generate
- ● ● Fully implemented
- ● ● Partially implemented
- ○ ○ Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program